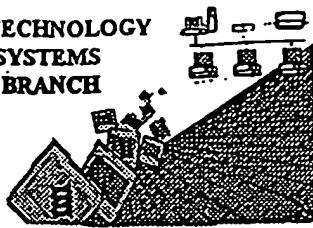


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



RAW SEQUENCE LISTING  
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

101675,470

Source:

LTFX016

Date Processed by STIC:

T-4-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

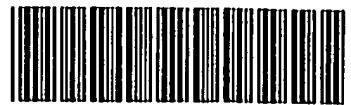
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/675,470

DATE: 01/04/2005  
TIME: 10:02:47

Input Set : A:\SEQUENCE LISTING.asc  
Output Set: N:\CRF4\01042005\J675470.raw

## SEQUENCE LISTING

2 (1) GENERAL INFORMATION:  
 3     (iii) NUMBER OF SEQUENCES: 4  
 C--> 0     (vi) CURRENT APPLICATION DATA:  
 C--> 0         (A) APPLICATION NUMBER: US/10/675,470  
 C--> 0         (B) FILING DATE: 30-Sep-2003

## ERRORED SEQUENCES

5 (2) INFORMATION FOR SEQ ID NO: 1:  
 6     (i) SEQUENCE CHARACTERISTICS:  
 7         (A) LENGTH: 4 amino acids  
 8         (B) TYPE: amino acid  
 9         (C) STRANDEDNESS: single  
 10         (D) TOPOLOGY: linear  
 11     (ii) MOLECULE TYPE: peptide  
 12     (iii) HYPOTHETICAL: NO  
 13     (iv) ANTI-SENSE: NO  
 14     (v) FRAGMENT TYPE: N-terminal  
 15     (vi) ORIGINAL SOURCE:  
 16     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 E--> 17 ~~Norleucine-Tyr(ile)-His~~ ~~delete~~

Does Not Comply  
Corrected Diskette Needed

Amino Acid (pg. 1-2) ↵

pls use (3) letter base codes.

19 (2) INFORMATION FOR SEQ ID NO: 2:  
 20     (i) SEQUENCE CHARACTERISTICS:  
 21         (A) LENGTH: 4 amino acids  
 22         (B) TYPE: amino acid  
 23         (C) STRANDEDNESS: single  
 24         (D) TOPOLOGY: linear  
 25     (ii) MOLECULE TYPE: peptide  
 26     (iii) HYPOTHETICAL: NO  
 27     (iv) ANTI-SENSE: NO  
 28     (v) FRAGMENT TYPE: N-terminal  
 29     (vi) ORIGINAL SOURCE:  
 30     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 E--> 31 ~~Norleucine-Tyr(ile)(6-Aminohexanoic Acid)-amide~~

pls use (3) letter base codes.

34 (2) INFORMATION FOR SEQ ID NO: 3:  
 35     (i) SEQUENCE CHARACTERISTICS:  
 36         (A) LENGTH: 6 amino acids  
 37         (B) TYPE: amino acid  
 38         (C) STRANDEDNESS: single  
 39         (D) TOPOLOGY: linear  
 40     (ii) MOLECULE TYPE: peptide

~~delete~~

FYI: Pls use sequencing format  
per OID Rules 1/4/05

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/675,470

DATE: 01/04/2005

TIME: 10:02:47

Input Set : A:\SEQUENCE LISTING.asc  
 Output Set: N:\CRF4\01042005\J675470.raw

```

41      (A) DESCRIPTION: Norleucine(1)- Angiotensin IV
42      (iii) HYPOTHETICAL: NO
43      (iv) ANTI-SENSE: NO
44      (v) FRAGMENT TYPE: N-terminal
C--> 45      (vi) ORIGINAL SOURCE:
46      (ix) FEATURE:
47          (A) NAME/KEY: Modified-site
48          (B) LOCATION: N-terminal amino acid
49          (D) OTHER INFORMATION:
50      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
E--> 51      Norleucine-Tyr-Ile-His-Pro-Phe Same error
54 (2) INFORMATION FOR SEQ ID NO: 4:
55     (i) SEQUENCE CHARACTERISTICS:
56         (A) LENGTH: 6 amino acids
57         (B) TYPE: amino acid
58         (C) STRANDEDNESS: single
59         (D) TOPOLOGY: linear
60     (ii) MOLECULE TYPE: peptide
61         (A) DESCRIPTION: Norleual
62     (iii) HYPOTHETICAL: NO
63     (iv) ANTI-SENSE: NO
64     (v) FRAGMENT TYPE: N-terminal
65     (vi) ORIGINAL SOURCE:
66     (ix) FEATURE:
67         (A) NAME/KEY: Modified-site
68         (B) LOCATION: Multiple
69         (D) OTHER INFORMATION:
70 /note= Leu3-His4 is a methylene bond
71 instead of a peptide bond.
72     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
E--> 73      Norleucine-Tyr-Leu-His-Pro-Phe Same error
  
```

↑ FYI: Amino acid sequence  
 Should be grouped as:  
 Tyr Leu His Pro

~ pls use (3) letter

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/675,470

DATE: 01/04/2005

TIME: 10:02:48

Input Set : A:\SEQUENCE LISTING.asc

Output Set: N:\CRF4\01042005\J675470.raw

L:0 M:200 E: Mandatory Header Field missing, [(i) APPLICANT:] of (1)  
L:0 M:200 E: Mandatory Header Field missing, [(iii) TITLE OF INVENTION:] of (1)  
L:0 M:200 E: Mandatory Header Field missing, [(A) ADDRESSEE:] of (1)(iv)  
L:0 M:200 E: Mandatory Header Field missing, [(B) STREET:] of (1)(iv)  
L:0 M:200 E: Mandatory Header Field missing, [(C) CITY:] of (1)(iv)  
L:0 M:200 E: Mandatory Header Field missing, [(D) STATE:] of (1)(iv)  
L:0 M:200 E: Mandatory Header Field missing, [(E) COUNTRY:] of (1)(iv)  
L:0 M:200 E: Mandatory Header Field missing, [(F) ZIP:] of (1)(iv)  
L:0 M:249 C: Inserted Mandatory Field, [(vi) CURRENT APPLICATION DATA:]  
L:0 M:249 C: Inserted Mandatory Field, [(A) APPLICATION NUMBER:]  
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]  
L:17 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:17 M:330 E: (2) Invalid Amino Acid Designator, 1  
L:17 M:203 E: No. of Seq. differs, LENGTH:Input:4 Found:1 SEQ:1  
L:31 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:31 M:330 E: (2) Invalid Amino Acid Designator, 2  
L:31 M:203 E: No. of Seq. differs, LENGTH:Input:4 Found:2 SEQ:2  
L:45 M:220 C: Keyword misspelled or invalid format, [(vi) ORIGINAL SOURCE:]  
L:51 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:51 M:330 E: (2) Invalid Amino Acid Designator, 1  
L:51 M:203 E: No. of Seq. differs, LENGTH:Input:6 Found:1 SEQ:3  
L:73 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:73 M:330 E: (2) Invalid Amino Acid Designator, 1  
L:73 M:203 E: No. of Seq. differs, LENGTH:Input:6 Found:1 SEQ:4